BERNER CONSTRUCTION
INCORPORATED

INTERIM PROGRESS REPORT NO. 2

MATTEO IRON AND METAL SITE
1692 Crown Point Road
Thorofare, New Jersey 08084

CERCLA DOCKET NO. 02-2006-2013

1.0 Introduction

The Matteo Iron and Metal site (Matteo) is under an Administrative Order of Consent (CERCLA Docket No. 02-2006-2013) between Matteo and USEPA 2 for a removal action that includes the installation of an 8-foot high chain link fence along the southern property line from Crown Point Road to the wetland area bordering the Horse Shoe Run of Hessian Creek.

In addition, a portion of fence will be erected along the northeastern property boundary tying into an existing fence at the alternate entrance on Crown Point Road.

The fence will be posted with signs noting no trespassing and authorized personnel only.

The scrap metal processing area will be redesigned to minimize access to non-processing areas and posted and marked so clients are aware of the proper locations for off loading of scrap metal. Receiving bins will be erected and the scrap yard covered with recycled crushed aggregate.

A separate removal action was started and included the excavation and removal of lead impacted soils along the property line adjoining the Matteo Site and the Willow Woods Manufactured Home Community in the vicinity of Unit D-13

2.0 Current Actions

The work on the fence was completed except for the portion in the vicinity of the lead impacted soils along the property line in the vicinity of Unit D-13. This section totaled approximately 350 feet in length. A gate was added to the fence area along Crown Point Road to allow access to the monitoring wells in that area and this section of fence was moved slightly to avoid conflict with the underground gas line in this area.

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Some difficulty was encountered along the fence line with the movement of vehicles and lawn equipment but these issues were resolved through coordination with Willow Woods personnel.

All of the excavated material from the posthole excavations were bagged and placed in a roll off container for off site disposal. The material (10 tons) was tested and determined to be non-hazardous and was shipped off site to Clean Earth of Philadelphia.

The lead impacted soil area along the fence line in the vicinity of Unit D-13 was screened using an XRF meter on a grid based on 15-foot intervals from Station 5+15 to Station 8+60 on May 20th and May 21st. This screening indicted more lead impacted spoil was present than originally determined in the Weston Solutions field screening. Based on this screening, a larger area was identified for the soil removal action. Excavation work was initiated on June 26th and consisted of excavation to a depth of 6 to 9 inch across this entire area and stockpiling the material on site in the vicinity of Station 6+00 in an area that was determined to be below residential standards.

Soil testing was also performed underneath unit D-13 and this analysis showed the soil to contain lead and to leach as a hazardous wastes. Discussions ensued with Matteo and the representatives of Willow Woods, and a decision was made to attempt to remove this soil by vacuum truck and digging by hand. An attempt was made using these techniques on June 26th and was unsuccessful due to the root structure beneath the trailer, the compactness of the soil, and the restricted workspace. Subsequently, it was decided to raise the trailer and perform the digging by hand. The trailer was raised approximately 2 feet and blocked and hand digging proceeded on July 5th.

The east end of the trailer was remediated by hand digging and screened with the XRF until acceptable levels were obtained. Excavation proceeded on the west end but it was discovered that a cinder block foundation existed in this area and removal of the soil and this foundation would jeopardize the stability of the trailer. A decision was made to cap the soil beneath the west end and center portion of the trailer. Forms were placed and a 4-inch concrete pad poured on top of the lead impacted soils. After curing of the concrete, the trailer was lowered to its original position, reblocked, and the skirts replaced. The occupant of the trailer returned to her home on July 18th.

Excavation of the lead impacted soil along the fence line area was conducted from June 26th through July 12th. Four hundred and twenty five (425) tons of soil were excavated from the fence line area and from beneath Unit D-13, tested, and disposed of as hazardous waste at the Clean Earth facility in Kearny, New Jersey (NJ Hazardous Waste Manifest NJA5314731). This soil was loaded, manifested, and transported off site on July 14th and 17th.

Clean fill was placed in the excavated areas during the week of July 10th –14th and the spreading of fill and topsoil continued until completed on July 20th. Sierra Environmental spread grass seed on the impacted and excavated areas.

Burger fence Co. returned on site on July 20th and resumed placing fence post and fabric in the excavated areas.

The existing scrap yard was screened for the metal lead by establishing a 50 feet grid across the site and screening the soil with the XRF. This screening has determined that the placement of recycled asphalt and crushed paver blocks throughout the yard has effectively capped any lead impacted soils. Matteo has agreed to place additional crushed stone in the receiving bins used to store scrap metal and to restrict access to the unpaved section of the scrap yard.

3.0 Problem Issues

Work beneath the trailer D-13 was problematic due to the legal, zoning and permitting issues associated with temporarily moving this trailer off of the pad. Excavation of the east end of the trailer was difficult but successful. However, the presence of a cinder block foundation on the west end prohibited excavation on this end. The lead impacted soils were capped with 4 inches of concrete and will remain in place and dealt with at some future date

The roads and driveways in the remainder of the Willow Woods community are being repaved and top coated with asphalt sealer and any work in the fence area needs to be coordinated with their paving contractor.

4.0 Future Planned Actions

All of the fence posts and fence fabric installation, excavation, removal and disposal of lead impacted soils, and backfilling, topsoil and seeding of the areas should be completed during the week of July 24-28th. Signs will be placed on the fence warning trespassers as soon as they are received from the sign company.

The erection of the signs will effectively complete this removal action.

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MATTEO METALS REMEDIAL ACTION

Background: Sierra Environmental Services, Inc. (SES) has contracted with Matteo Bros. to perform environmental consulting and remediation duties. Historic operations at the site included recycling of lead acid batteries. During recycling operations, the soil became impacted with residual lead at several locations throughout the property. The original scope of work consisted of removal and offsite disposal of impacted soil from the proposed fence line to the curb on the north side of Willow Woods Mobile Home Community. The scope increased as further soil impact areas were discerned. These areas included locations on both Matteo's property and beneath and around Trailer #D-13.

Daily Log: The following is a daily breakdown of work completed:

Monday 6/26/06 -Work began at the southern portion of Matteo's property behind Trailer #F-6. SES' contractor, Cat Iron, Inc. excavated approximately six to twelve inches and stockpiled the material on poly for eventual sampling. Post excavation sampling was conducted at various locations and results were forwarded to Bob Gallagher of Berner Construction.

Results indicated that lead impact in the soil under Trailer #D-13 were in excess of regulatory limits. SES was requested to remediated under the trailer to within regulatory standards.

Several methods were discussed. The owner and SES agreed to attempt utilizing a vacuum container and a vacuum truck and attempt to remove the soil in that way. US Environmental arrived onsite. Their efforts were unsuccessful due to a large amount of roots and other debris. They removed approximately 5-tons of material.

Tuesday 6/27/06-Work continued in the same area as on 6/26. Excavation activities moved towards the west. Further samples were collected. Soil was stored on poly in the stockpile area.

Wednesday 6/28/06-Work continued along the curb line. Utilizing the XRF machine in conjunction with Berner Construction, areas of concern were delineated and excavation activities continued. Sampling was done in various areas.

Thursday 6/29/06-Work continued along the berm and southern portion of the property.

Friday 6/30/06-Continued excavation and stockpiling activities. Samples were collected from excavated areas in accordance with the approved sampling plan.

Monday 7/3/06-Cat Iron continued excavation activities. Ken Rively was contracted to raise the trailer as much as practicable so that remedial activities could be performed. The trailer was raised approximately four feet from grade and secured so work underneath could be accomplished. No utilities were effected except the sewer connection from the trailer to the POTW connection was removed to facilitate work.

Tuesday 7/4/06- No work—Holiday.

Wednesday 7/5/06-Workers began hand-digging underneath the trailer in accordance with remedial goals. Work progressed slowly as many impediments were involved such as roots, etc.

Thursday 7/6/06-Work under trailer continued. EPA requested upgrade in PPE. Air monitoring indicated that dust levels were within OSHA standards as set forth in 29 CFR various sections. Work secured early. Two loads of fill dirt received for front of D-13.

Friday 7/7/06-Excavation and trailer work continued as well as sampling. Work stopped on the west side of the trailer as a foundation was discovered and contamination was deeper than expected. Client advised and authorized SES to cease activities and examine the option of capping the property with concrete.

Soil removed from beneath trailer on 6/26 transported to Clean Earth of North Jersey for disposal on Uniform Hazardous Waste Manifest #NJA5314731

Monday 7/10/06-No work completed.

Tuesday 7/11/06-Forming completed for concrete work.

Wednesday 7/12/06-Sampling and preparation for concrete pour.

Thursday 7/13/06-Poured concrete beneath trailer D-13. Four inches over all areas not remediated.

Friday 7/14/06-Commenced loadout of trucks transporting impacted soil to Clean Earth of North Jersey in South Kearny, NJ. Soil was sent as RCRA hazardous waste with the RCRA code of D008 for lead. Manifests were signed by SES with authorization from James Matteo. Six trucks were sent to CENJ.

Monday 7/17/06-Continued loading trucks for disposal at CENJ. Twelve total trucks loaded. Copies of all manifests were sent to state or retained respectively. Roll-off container of impacted soil was combined with stockpiled material and shipped to CENJ. Area around the oil tank adjacent to trailer D-13 was excavated by hand and the EPA declared that it was completed. Unable to move tank

because it was rusted in spaces and the potential for release was high. Excavated remaining "hot spot" behind F-6. Received fill and topsoil.

Tuesday 7/18/06-Loaded one truck for CENJ. Conducted sampling activities at stockpile area. All hazardous soil removed. Trailer was replaced to original location by Ken Rively.

Wednesday 7/19/06-Trailer skirting was installed and owner moved back into property. Continued grading fill and placing topsoil. Seeded excavation area.

Thursday 7/20/06-Burger Fence, Inc. installed posts through the excavation area. Cat Iron completed final grading of fill and placement of topsoil.

Summary: As of Monday July 24, Burger fencing was in the final stage of completing fence installation. Several punch list items still must be rectified. Sierra personnel will return and place fresh seed throughout impacted area.

Submitted by Scott Welsh, CHMM

Matteo Iron & Metal							
23-Jul-06							
XRF Results							
Station	Offset	In Situ	In Situ	Bag/Dry	Cup/Dry		Lab Results
	Left/Center/Right	At ground surface	6" deep				
		5/20-21/06					
5+05	100		376		514		250/290
5+11	97			579			
5+15	90						
	97				623		440/570
	100	566					
	115	159					
	130						
5+30	100	748					
	115	159					
5+35	97						26/17
	93						180/330
	95	499					
	100	1393					
	115	565					230/330
5+60	90	687					
	100	1983					
	115	942					
	125	323					
5+75	92			162	296		280/230
	100	5125		129	197/203		110/130
	115	310		113	153		
	121			537			
	130	235					
5+90	100	1076					
	115	944					
	130	263					
	145	188					
	160	200					
6+05	90						
	100	160					
	115	834/858					
	130	44					
	145	149					
	160	171					
6+20	90	615					
	100	902					
	115	334					
	130	101					
	145	222					
	160	85					
6+25	89			187	164		94/180
6+25	101			302	367		210/110
6+35	90						
	97						
	100	11,823					
	115	2329					
	130	312					
	145	200					
	160	84					
6+50	89		341		432		230/380
6+50	90	1128					
	100	3400					
	115	842					
	130	356					
6+55	89			356	480		340/290/180/350/350
	100			36	96		15/9.4
6+60	125 sw			337	343		180/200
6+65	90	1928					
	100	3111					
	115	2092					
	130	759					
	140	602					
6+77	90 sw			325	620/518		300/490

6+80	90	1140					
	100	38,665/17131					
	115	3073					
	130	745					
6+85	105			301	329		34/80
6+95	90	1071					
	100	1351					
	115	2242					
	125	1525					
7+10	90	870					
	100	1351					
	115	715					
	130	495					
	140	791					
7+15	100						18/15
7+15	104			1052	838		680/630/350/450
7+25	90	479					
	100	655					
	115	1117					
	130	750					
	135	493					
7+35	88			303	426/420		330/300
7+35	115			2245	3316/3777		2000/1800
7+40	90	39					
	100	4107					
	115	1333					
	128	202					
7+45	105			175	210		110/180
7+55	90						
	100	3254					
	115	43					
	130	159					
	140	232					
7+70	86	742					
	100	4147					
	115	1950					
	130	307					
	145	212					
	155	146					
7+75	121			537	677		480/520
7+78	91		110		159		52/43
7+85	88	660					
7+85	90						
	100						
	105			134	205		110/110
	115	191					
	130	229/210					
	145	136					
	158	123					
7+94	83 sw						140/310
7+96	73		421				
8+00	92-D-13			2373	2441		1600/2400
	100	1030/1480					
	115	720					
	130	853					
	145	261					
8+01	116		21				
	125 sw		673				
	133		200				
8+02	74		759				
8+10	75		595				
8+12	107		240	28	50		5.8/9.3
8+15	87						5.2/5.7
8+15	90						
	92	760					
	100						
	115	1762/1957					
	125	767					
8+20	124			2378	3774		930/2900
8+26	118		27				

8+30	80	263					
	85	226					
	100	887					
	115	905					
	125	1698					
8+34	96		343		325		260/190/49/62
8+36	87 sw						74/91
8+39	124		24				
8+45	82	164					
	85	147					
	90						
	100	7360					
	113			3070	3981		1300/1400
	115	886					
	130	3131/1198					
8+48	124		1364				